



# California Crop Weather

Cooperating with the California Department of Food and Agriculture  
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FREQUENCY: Weekly  
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## WEATHER

The week began with cooler than normal temperatures. As the week progressed, a warming trend spread across the State, and precipitation fell due to elevated heating in the mountains. Lows were in the 30s to 40s in the mountains, largely dependent on elevation, 40s to 50s along the coast, and 40s to 60s across the valley and in the desert. Highs were in the 40s to 70s in the mountains, 60s to 70s along the coast, and 60s to 90s across the valley and in the desert.

Around half an inch of scattered rain fell over parts of the Sierras, northern mountains, and the Central Valley. Parts of the Sierras likely received over one inch of rain. A minor marine fog/stratus event on Tuesday morning brought a few isolated sprinkles along the coast from Ventura to San Diego. It was highly unlikely that new snow fell, even at higher elevations. Snowmelt continued in the mountains, with snowpacks patchy to non-existent in the southern Sierras, 1 to 2 feet above 8,500 feet in the central Sierras, and 2 to 4 feet above 7,000 feet in the northern mountains.

## FIELD CROPS

Harvested fields were replanted for summer crops. **Alfalfa** was mowed, dried, and baled. **Corn** continued to grow and nitrogen fertilizer applied. In Madera County, the corn progressed to pre-irrigation to emergence stages. Some forage hay fields were harvested. In San Luis Obispo, dryland grain hay was cut and about seventy percent baled. Winter **wheat** was rated as 85 percent good to excellent. **Cotton** was greater than 95 percent planted in the State. Cotton was growing and fields were irrigated. **Rice** was rated as 95 percent good to excellent with 96 percent planted and 45 percent emerged by week's end.

## FRUIT CROPS

In Fresno County, **grapes** were close to post fruitset and approaching bunch closure. Canopy management was applied, with shoot separation, shoot thinning, and leaf removal, in order to improve the canopy microclimate. Powdery mildew was closely monitored and fungicide application needs were managed accordingly. **Apricots** harvest continued. In Monterey County, herbicides were applied to orchard floors. In Stanislaus County, **apricots**, **peaches**, **nectarines**, and **plums** were harvested and exported. Summer pruning began in some stone fruit orchards. Reflecting plastic was placed in some orchards to help promote color. Late navel **oranges** continued to be packed and shipped. Cara Cara orange harvest neared completion and shipments were mostly domestic due to quality. Some Valencia oranges were treated to promote color and were shipped domestically. **Olives** were pruned and irrigated.

## NUT CROPS

In Madera County, **almonds** were maturing quickly. **Pistachios** were irrigated and weed control applied. **Walnuts** received light spray for codling moth.

## VEGETABLE CROPS

In Stanislaus County, growers were planting **melons**, **corn**, **tomatoes** and **beans**. In Monterey County, the cool and windy weather was normal for this time of year. Harvest season was underway for **lettuce** and **Brassicas**. In San Mateo County, **Brussels sprouts** fields were fumigated and planted. **Squash** fields were also planted. In Fresno County, processing tomatoes established roots and started rapid growth. There were some red on the earliest fields. Tomatoes were irrigated and sulfur applied. Fresh **onions** and **garlic** were irrigated. Dehydrator onions were folded over and drying. **Carrots** were sprayed with pesticides. Lettuce for seed was sprayed for aphids and thrips. Yield was down for **Mazuna mustard** for seed. **Kale** for seed was drying and had a severe bird problem. In Tulare County, **zucchini** was harvested and shipped domestically. Summer vegetables were harvested. Early planted sweet corn was growing well. Melons were irrigated and prepped for harvest.

## LIVESTOCK

In San Joaquin County, rangeland and pasture starting to dry up. In Tulare County, warmer weather was accelerating the drying of rangeland forage. Rangeland quality still good. Pasture and rangeland condition were rated as 50 percent fair to good.

CALIFORNIA CROP WEATHER – WEEK ENDING 5/29/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 5/29/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1- 5/29/2016	January 1- 5/29/2016	July 1- 5/29/2016	Week Ending 5/29/2016	July 1- 5/29/2016	July 1- 5/29/2016	July 1- June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	56	2	62	45	13	0	130	0	46.90	37.41	38.10
Ukiah	65	2	90	47	232	103	96	0.02	36.65	38.60	38.90
Santa Rosa	64	1	87	45	157	135	81	0	30.56	30.80	31.01
Napa State Hosp	66	3	89	48	227	145	77	0	24.87	26.29	26.46
Central Coast											
San Francisco	63	3	79	53	177	63	64	0	18.58	19.99	20.11
San Jose	66	0	87	50	335	236	59	0	14.91	14.97	15.08
Salinas	60	1	74	50	147	73	54	0	13.75	12.82	12.91
Monterey	59	2	72	48	106	16	66	0	21.84	20.14	20.35
King City Ag	64	1	87	44	209	172	53	0	9.94	12.23	12.30
Paso Robles	65	0	90	44	234	150	41	0	9.26	13.06	13.08
Sacramento Valley											
Redding	71	3	93	54	548	263	88	0.06	42.07	32.79	33.52
Red Bluff	72	2	94	54	511	341	80	0	26.60	23.60	24.07
Willows 6W	69	1	89	52	406	262	64	0	17.15	18.72	19.03
Oroville	71	2	91	52	484	280	80	0	21.43	28.42	28.75
Marysville	70	-2	94	49	425	407	73	0	21.96	21.80	22.07
Sacramento	69	2	92	51	406	274	65	0	18.30	17.72	17.93
San Joaquin Valley											
Stockton	69	-1	92	50	382	328	66	0	19.00	13.74	13.84
Modesto	72	3	94	52	562	405	50	0	15.20	12.98	13.12
Merced Macready	69	-2	93	48	392	337	51	0	14.66	12.40	12.50
Madera	69	-2	94	49	465	368	50	0	13.30	11.82	11.94
Fresno	71	-1	95	52	609	407	55	0	14.73	10.99	11.23
Lemoore NAS	70	-1	95	50	520	376	39	0	6.82	7.82	7.89
Visalia	71	0	94	51	517	382	49	0	9.08	10.88	11.03
Bakersfield	72	-1	94	53	749	499	36	0.01	5.43	6.37	6.49
Cascade Sierra											
Alturas	53	-3	77	32	7	0	111	0.06	15.29	11.30	12.13
Mount Shasta	59	4	79	41	45	0	117	0.08	44.89	38.12	39.16
Blue Canyon	52	-5	77	38	23	1	100	1.44	72.49	65.42	66.36
Yosemite Valley	60	-1	82	37	89	49	79	0.24	37.89	36.90	37.73
South Coast											
Santa Maria	59	0	71	45	210	51	51	0.01	9.10	13.95	14.01
Santa Barbara	61	-2	74	48	160	189	34	0	11.78	16.88	16.93
Oxnard NWS	62	1	72	49	302	187	29	0	8.98	15.57	15.62
Riverside	66	-3	83	52	758	446	43	0	9.23	10.12	10.22
Los Angeles	63	-2	71	55	390	356	38	0	10.84	13.07	13.15
San Diego	65	-2	71	60	599	457	46	0	10.53	10.68	10.77
Southeast Interior											
Bishop	62	-4	86	41	150	172	26	0.08	3.62	4.80	5.02
Daggett	72	-5	92	54	829	652	32	0	2.93	4.06	4.17
Lancaster ATC	68	-2	89	51	377	304	28	0	6.83	7.35	7.40
Thermal	79	-3	96	62	1443	1196	11	0	2.86	3.51	3.53
Blythe	77	-6	97	56	1516	1151	18	0	1.86	4.01	4.02
Imperial CA	77	-5	97	56	1517	1102	14	0	1.09	2.95	2.96

1/ Precipitation (rain or melted snow/ice).

2/ Normal periods 1970-2000 used in Departure From Normal calculations.

3/ Total number of days with precipitation events this season.

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